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(FILE 'HOME' ENTERED AT 16:37:19 ON 09 JAN 2006)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 16:37:51 ON 09 JAN 2006

L1 2658 S (NUCLEIC(W)ACID OR POLYNUCLEOTIDE OR DNA OR CDNA OR GENE) (7A)  
L2 2859215 S RESPIRAT? OR PULMONARY OR LUNG OR BROCH?  
L3 3002426 S RESPIRAT? OR PULMONARY OR LUNG OR BRONCH?  
L4 216 S L1(S)L3  
L5 186 S L1(10A)L3  
L6 102 DUP REM L5 (84 DUPLICATES REMOVED)

=> d au ti so pi 50-102

L6 ANSWER 50 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
AU Nukiwa, Toshihiro  
TI  $\alpha$ 1-Antitrypsin deficiency and cases in Japan  
SO Igaku no Ayumi (1995), 174(5), 319-24  
CODEN: IGAYAY; ISSN: 0039-2359

✓ L6 ANSWER 51 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
IN Brantly, Mark; Laubach, Victor  
TI Increased expression of human  $\alpha$ 1-antitrypsin in expression vectors  
through the inclusion of intron II  
SO PCT Int. Appl., 44 pp.  
CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9426896	A1	19941124	WO 1994-US5034	19940506
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5439824	A	19950808	US 1993-60925	19930506
AU 9469074	A1	19941212	AU 1994-69074	19940506

L6 ANSWER 52 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
AU Setoguchi, Yasuhiro; Noto, Kouji  
TI Gene therapy for pulmonary disease  
SO Igaku no Ayumi (1994), 170(1), 112-16  
CODEN: IGAYAY; ISSN: 0039-2359

L6 ANSWER 53 OF 102 MEDLINE on STN DUPLICATE 16  
AU Canonico A E; Conary J T; Meyrick B O; Brigham K L  
TI Aerosol and intravenous transfection of human alpha 1-antitrypsin  
**gene to lungs** of rabbits.  
SO American journal of respiratory cell and molecular biology, (1994 Jan) 10  
(1) 24-9.  
Journal code: 8917225. ISSN: 1044-1549.

L6 ANSWER 54 OF 102 MEDLINE on STN DUPLICATE 17  
AU Morgan K; Scobie G; Kalsheker N A  
TI Point mutation in a 3' flanking sequence of the alpha-1-  
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**respiratory** disease occurs in a regulatory sequence.  
SO Human molecular genetics, (1993 Mar) 2 (3) 253-7.  
Journal code: 9208958. ISSN: 0964-6906.

L6 ANSWER 55 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 18  
AU Schreier, Hans; Gonzalez-Rothi, Ricardo J.; Stecenko, Arlene A.  
TI Pulmonary delivery of liposomes  
SO Journal of Controlled Release (1993), 24(1-3), 209-23  
CODEN: JCREEC; ISSN: 0168-3659

✓ L6 ANSWER 56 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
IN Crystal, Ronald G.  
TI Gene therapy of lung disease using adenovirus vectors  
SO U. S. Pat. Appl., 59 pp. Avail. NTIS Order No. PAT-APPL-7-769 623.  
CODEN: XAXXAV

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 769623	A0	19920415	US 1991-769623	19911002
	US 6013638	A	20000111	US 1993-165753	19931213
	US 6136594	A	20001024	US 1995-442262	19950516
	US 2002164304	A1	20021107	US 2001-935423	20010823

L6 ANSWER 57 OF 102 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AU HUBBARD R C [Reprint author]; CRYSTAL R G  
TI VULNERABILITY OF THE LUNG TO PROTEOLYTIC INJURY.  
SO (1992) pp. 299-312. CRYSTAL, R. G. AND J. B. WEST (ED.). LUNG INJURY. XV+400P. RAVEN PRESS: NEW YORK, NEW YORK, USA. ILLUS. ISBN: 0-88167-848-1.

L6 ANSWER 58 OF 102 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AU ROSENFELD M A [Reprint author]; MASTRANGELI A; DANIEL C; STIER L; STRATFORD-PERRICAUDET L; PERRICAUDET M; PAVIRANI A; LECOCQ J-P; CRYSTAL R G  
TI ADENOVIRUS-MEDIATED TRANSFER OF THE NORMAL ALPHA-1 **ANTITRYPSIN** CDNA TO LUNG EPITHELIAL CELLS RECOVERED FROM INDIVIDUALS WITH THE Z HOMOZYGOUS FORM OF ALPHA-1 ANTITRYPSIN DEFICIENCY.  
SO American Review of Respiratory Disease, (1992) Vol. 145, No. 4 PART 2, pp. A199.  
Meeting Info.: 1992 INTERNATIONAL CONFERENCE OF THE AMERICAN LUNG ASSOCIATION AND THE AMERICAN THORACIC SOCIETY, MIAMI BEACH, FLORIDA, USA, MAY 17-20, 1992. AM REV RESPIR DIS.  
CODEN: ARDSBL. ISSN: 0003-0805.

L6 ANSWER 59 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
AU Morgan, K.; Scobie, G.; Kalsheker, N.  
TI The characterization of a mutation of the 3' flanking sequence of the  $\alpha$ 1-antitrypsin gene commonly associated with chronic obstructive airways disease  
SO European Journal of Clinical Investigation (1992), 22(2), 134-7  
CODEN: EJCIB8; ISSN: 0014-2972

L6 ANSWER 60 OF 102 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
DUPLICATE 19  
AU CANONICO A E [Reprint author]; CONARY J T; CHRISTMAN B W; MEYRICK B O; BRIGHAM K L  
TI IN-VITRO TRANSIENT **GENE** EXPRESSION OF HUMAN ALPHA-1 **ANTITRYPSIN** IN BOVINE **PULMONARY** ARTERY ENDOTHELIAL CELLS.  
SO FASEB Journal, (1991) Vol. 5, No. 6, pp. A1526.  
Meeting Info.: 75TH ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY, ATLANTA, GEORGIA, USA, APRIL 21-25, 1991. FASEB (FED AM SOC EXP BIOL) J.  
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TI  $\alpha$ 1-Antitrypsin gene  
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 Journal code: 0404511. ISSN: 0036-8075.

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 Meeting Info.: 1991 INTERNATIONAL CONFERENCE OF THE AMERICAN LUNG  
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 MAY 12-15, 1991. AM REV RESPIR DIS.  
 CODEN: ARDSBL. ISSN: 0003-0805.

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 AU CANONICO A E [Reprint author]; CONARY J T; CHRISTMAN B W; MEYRICK B O;  
 BRIGHAM K L  
 TI EXPRESSION OF A CMV PROMOTER DRIVEN HUMAN ALPHA-1 **ANTITRYPSIN**  
**GENE** IN CULTURED **LUNG** ENDOTHELIAL CELLS AND IN THE  
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 SO Clinical Research, (1991) Vol. 39, No. 2, pp. 219A.  
 Meeting Info.: JOINT MEETING OF THE ASSOCIATION OF AMERICAN PHYSICIANS,  
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 FEDERATION FOR CLINICAL RESEARCH, SEATTLE, WASHINGTON, USA, MAY 3-6, 1991.  
 CLIN RES.  
 CODEN: CLREAS. ISSN: 0009-9279.

L6 ANSWER 65 OF 102 MEDLINE on STN DUPLICATE 22  
 AU Kalsheker N; Morgan K  
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**antitrypsin gene** and chronic **lung** disease.  
 SO Thorax, (1990 Oct) 45 (10) 759-64. Ref: 50  
 Journal code: 0417353. ISSN: 0040-6376.

L6 ANSWER 66 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
 AU Chao, Steven; Chai, Karl X.; Chao, Lee; Chao, Julie  
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 CODEN: BICHAW; ISSN: 0006-2960

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 AU Bate A S; Sidebottom D; Cooper R G; Loftus M; Chattopadhyay C; Grennan D M  
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L6 ANSWER 68 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
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 Fick, R. B.  
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 CODEN: DMARD3; ISSN: 0278-0240

L6 ANSWER 69 OF 102 MEDLINE on STN DUPLICATE 24  
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SO European journal of clinical investigation, (1990 Feb) 20 (1) 1-7.  
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L6 ANSWER 70 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
AU Curiel, David T.; Holmes, Mark D.; Okayama, Hiroshi; Brantly, Mark L.;  
Vogelmeier, Claus; Travis, William D.; Stier, Larue E.; Perks, Warren H.;  
Crystal, Ronald G.  
TI Molecular basis of the liver and lung disease associated with the  
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SO Journal of Biological Chemistry (1989), 264(23), 13938-45  
CODEN: JBCHA3; ISSN: 0021-9258

L6 ANSWER 71 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
AU Takahashi, Hideaki; Nukiwa, Toshihiro; Seyama, Kuniaki; Kira, Shiro  
TI Cigarette smoke and pulmonary emphysema  
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CODEN: SAIGAK; ISSN: 0370-8241

L6 ANSWER 72 OF 102 MEDLINE on STN DUPLICATE 25  
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G  
TI Recombinant **DNA**-produced alpha 1-**antitrypsin**  
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antineutrophil elastase defenses in individuals with alpha 1-antitrypsin  
deficiency.  
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Journal code: 7505876. ISSN: 0027-8424.

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AU CURIEL D [Reprint author]; STIER L; CRYSTAL R G  
TI THE ALPHA-1 **ANTITRYPSIN** M-MINERAL SPRINGS **GENE** A NOVEL  
ALLELE ASSOCIATED WITH ALPHA-1 **ANTITRYPSIN** DEFICIENCY AND  
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Meeting Info.: ANNUAL MEETING OF THE AMERICAN LUNG ASSOCIATION AND THE  
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- L6 ANSWER 76 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
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- L6 ANSWER 78 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN  
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- L6 ANSWER 79 OF 102 MEDLINE on STN DUPLICATE 27  
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Journal code: 8109087. ISSN: 0270-7306.
- L6 ANSWER 80 OF 102 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on  
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TI **DNA-POLYMORPHISMS IN THE ANTITRYPSIN-GENE**  
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Meeting Info.: SYMPOSIUM ON LUNG AND INFECTION PREVENTION AND SCREENING  
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 TI ALPHA-1-ANTITRYPSIN GENETIC POLYMORPHISM IN SOUTH AFRICA.  
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 CODEN: SAMJAF. ISSN: 0038-2469.

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 Fenotipy al'fa 1-antitripsina u zdorovykh i bol'nykh khronicheskim bronkhitom.  
 SO Terapevticheskii arkhiv, (1987) 59 (9) 112-5.  
 Journal code: 2984818R. ISSN: 0040-3660.

L6 ANSWER 89 OF 102 MEDLINE on STN DUPLICATE 32  
 AU Hodgson I; Kalsheker N  
 TI DNA polymorphisms of the human alpha 1 **antitrypsin gene** in normal subjects and in patients with **pulmonary** emphysema.  
 SO Journal of medical genetics, (1987 Jan) 24 (1) 47-51.  
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- TI ALPHA-1 **ANTITRYPSIN** DNA POLYMORPHISM A NEW MARKER FOR  
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- SO American Review of Respiratory Disease, (1986) Vol. 133, No. 4 SUPPL, pp.  
A219.  
Meeting Info.: JOINT ANNUAL MEETING OF THE AMERICAN LUNG ASSOCIATION AND  
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- AU HOELTMANN B J (Reprint); BURACZYNSKA M; SCHOETT D; ULMER W T
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**ANTITRYPSIN**.
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- L6 ANSWER 94 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN
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Tessier, Luc Henri; Tolstoshev, Paul; Lecocq, Jean Pierre; Crystal, Ronald  
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- TI Evaluation of recombinant DNA-directed E. coli produced  
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- SO Biochemical and Biophysical Research Communications (1985), 130(3),  
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- L6 ANSWER 95 OF 102 CAPLUS COPYRIGHT 2006 ACS on STN
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Williamson, R.; Humphries, S. E.
- TI Possible applications of recombinant DNA technology to the diagnosis and  
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- SO Annals of Clinical Biochemistry (1985), 22(1), 25-32  
CODEN: ACBOBU; ISSN: 0004-5632
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- AU KIDD V J (Reprint); TAN Z K; WALLACE B R; ITAKURA K; WOO S L C

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 gene to human chromosome 14 by molecular hybridization.  
 SO AM. J. HUM. GENET., (1983) vol. 35, no. 3, pp. 385-392.

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 AU WOO S L C (Reprint); KIDD V J; CHANDRA T; KURACHI K; LONG G; DAVIE E W  
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PATENT NO.

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DATE

APPLICATION NO.

DATE

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W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,  
DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR,  
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PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG,  
US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,  
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APPLICATION NO.

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W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE,  
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LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,  
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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,  
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